

**Request to Archive
With The National Centers for Environmental Information
For Hydrometeorological Automated Data System - Raw
Provided by NOAA/NWS**

2017-05-03

This information will be used by NCEI to conduct an appraisal and make a decision on the request.

1. Who is the primary point of contact for this request?

Brian Nelson
NCDC
828-271-4490
brian.nelson@noaa.gov

2. Name the organization or group responsible for creating the dataset.

DOC/NOAA/NCEP

3. Provide an overview summarizing the scope of data you want to archive. Describe the outputs, data variables, including their measurement resolution and coverage.

The Hydrometeorological Automated Data System (HADS) is a real-time data acquisition and data distribution system operated by the National Weather Service Office of Dissemination. NCEI acquires the raw HADS data for processing in other NCEI projects.

This project attempts to archive the raw (or what we are calling raw) HADS data that contains several variables such as precipitation amount, river level, and others. They are also provided at varying temporal resolution from 15-minute, 30-minute, to hourly.

4. What is the time period covered by the dataset? (YYYY-MM-DD, YYYY-MM or YYYY)

From 2003-02-01
Ongoing as continuous updates to the data record

5. Edition or version number(s) of the dataset:

N/A

6. Approximate date when the dataset was or will be released to the public:

2017-09-29

7. Who are the expected users of the archived data? How will the archived data be used?

Similar users as GHCN but only precipitation data from US sites.

8. Has the dataset undergone user evaluation and/or an independent review process? Did NCEI participate in design reviews?

Existing NCEI project to develop improved quality HADS data (D. Kim-NCEI)

9. Describe the dataset's relationship to other archived datasets, such as earlier versions or related source data. If this is a new version, how does it improve upon the previous version(s)?

This raw data is currently being ingested at NCEI for existing projects.

10. List the input datasets and ancillary information used to produce the data.

Cross agency (NWS, USGS, RAWS, etc) in-situ data transmitted via digital collection platform to the real-time data acquisition and data distribution system operated by the National Weather Service Office of Dissemination

11. List web pages and other links that provide information on the data.

<https://hads.ncep.noaa.gov/>

12. List the kinds of documents, metadata and code that are available for archiving. For example, data format specifications, user guides, algorithm documentation, metadata compliant with a standard such as ISO 19115, source code, platform/instrument metadata, data/process flow diagrams, etc.

1. TBD

13. Indicate the data file format(s).

1. BUFR

14. Are the data files compressed?

No

15. Provide details on how the files are named and how they are organized (e.g., file_name_pattern_YYYYMM.tar in monthly aggregations).

HADSDATA.ALL.YYJDAY.gz

HADS_METADATA.YRJDAY.gz

16. Explain how to access sample data files and/or a file listing for previewing. If it is not available now, when will it be available?

hads-dev

17. What is the total data volume to be submitted?

Historic Data: all historic data or data submitted as a completed collection.

Total Data Volume: 50GB

Number of Data Files: 13870

Continuous Data: data volume rate for a continuous data production.

Total Data Volume Rate: 500MB per Month

Data File Frequency: 60 per Month

Data Production Start: 1997-01-01

18. Are later updates, revisions or replacement files anticipated? If so, explain the conditions for submitting these additional data to the archive.

No additional updates, revisions or replacement data are anticipated.

19. Describe the server that will connect to the ingest server at NCEI for submitting the data.

Physical Location: NCEI-Asheville
System Name: Hads-Dev
System Owner: DOC/NOAA/NESDIS/NCEI > National Centers for Environmental Information, NESDIS, NOAA, U.S. Department of Commerce
Additional Information:

20. What are the possible methods for submitting the data to NCEI? Select all that apply.

- 1. FTP PULL
- 2. FTP PUSH
- 3. SFTP PUSH

21. Identify how you would like NCEI to distribute the data. Web access support depends on the resources available for the dataset.

- 1. Direct download links

22. Will there be any distribution, usage, or other restrictions that apply to the data in the archive?

No known constraints apply to the data.

23. Discuss the rationale for archiving the dataset and the anticipated benefits. Mention any risks associated with not archiving the dataset at NCEI.

These data are currently ingested at ncei. The request to archive is to (1) get the data into archive (2) provide documentation, and (3) provide access to the data.

24. Are the data archived at another facility or are there plans to do so? Please explain.

No

25. Is there an existing agreement or requirement driving this request to archive? Have you already contacted someone at NCEI?

No

26. Do you have a data management plan for your data?

No

27. Have funds been allocated to archive the data at NCEI?

No

28. Identify the affiliated research project, its sponsor, and any project/grant ID as applicable.

HADS Dev

29. Is there a desired deadline for NCEI to archive and provide access to the data?

Archive by: 2017-09-29

Accessible by: 2017-09-29

30. Add any other pertinent information for this request.

None